

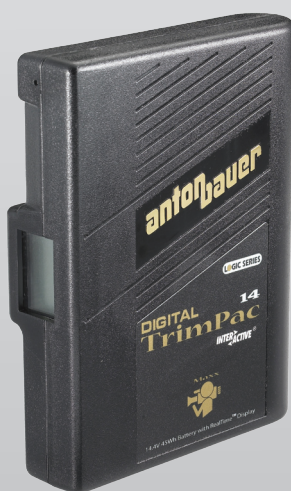
Approved Copy

# antobauer®

One World. One Smart Choice.™

## DIGITAL BATTERY SYSTEM

Digital ProPac® 14 and Digital TrimPac® 14  
Owner's Manual



**LOGIC SERIES®** DIGITAL BATTERY SYSTEM

A7595-0272 Rev H

# TABLE OF CONTENTS

Approved Copy

|          |  |
|----------|--|
| <b>1</b> | IMPORTANT<br>INTRODUCTION<br>FEATURES  |
| <b>2</b> | HIGH VOLTAGE DESIGN<br>APPLICATIONS<br>DIGITAL PROPAC®<br>DIGITAL TRIMPAC®<br>CHARGING WITH LOGIC SERIES® CHARGERS |
| <b>3</b> | “OVER-DISCHARGED” BATTERIES<br>LIQUID CRYSTAL LCD SCREEN BATTERY DISPLAY   |
| <b>4</b> | PREVENTATIVE MAINTENANCE<br>SERVICE<br>SPECIFICATIONS  |
| <b>5</b> | GUIDELINES FOR OPTIMUM PERFORMANCE AND MAXIMUM LIFE  |
| <b>6</b> | LIMITED WARRANTY Logic Series® DIGITAL Battery   |

# IMPORTANT

# FEATURES

Approved Copy

The Logic Series® DIGITAL battery has been specifically designed to be charged only with Anton/Bauer InterActive® 2000TM chargers, T-Series chargers or Tandem® 70. These Chargers were developed in anticipation of the DIGITAL battery and include the proper DIGITAL interface circuitry.

Since all programming is contained on one single EPROM chip, earlier InterActive® 2000 Charger models already in the field may not contain the latest DIGITAL software. The DIGITAL batteries will simply require a new EPROM chip to set up complete communication. Replacement EPROM chips are available by contacting the Anton/Bauer Customer Support Group at 1-800-541-1667 or 203-925-4991 or fax 203-929-9935. Email: support@antonbauer.com.

**THE DIGITAL BATTERY CAN NOT BE USED WITH OLD MODEL ANTON/BAUER LIFESAVER CHARGERS (LSQ4, LSFC, LSQC, etc.) OR NON-ANTON/BAUER CHARGERS.** Call the Anton/Bauer Customer Support Group if there is any question of charger compatibility.

## INTRODUCTION

The Logic Series® Digital Battery System couples the most advanced NiCad battery and charging technology with the first and only capacity measurement system in the industry.

The Anton/Bauer DIGITAL battery uses InterActive® Logic Series® technology which includes sensors, a microprocessor controller and data circuits in the battery to communicate with an Anton/Bauer charger as well as video cameras for precise and dependable performance. The microprocessor actually allows the battery to learn its capacity as it is used, constantly updating the status of the fuel gauge. This unique "self-learning" function is only available with Anton/Bauer batteries.

When used in conjunction with the Anton/Bauer InterActive® 2000 PowerChargers®, the LCD on the charger provides a "window" into the battery - displaying all the critical battery information and status essential for maintaining peak performance of any type of video field equipment.

- 1. Microprocessor Fuel Computer** - Accurately monitors the energy put into and taken out of the battery. This data is processed with sophisticated programs that take into account battery age, self discharge, charge/discharge rate, cell imbalance and previously experienced charge/discharge cycles. The DIGITAL battery constantly "learns" its precise state of charge and remaining capacity. This data is automatically transmitted to an InterActive charger.
- 2. Integral 'LCD'** - Accurately displays the percentage of remaining battery capacity.
- 3. Viewfinder Fuel Gauge Display** - The DIGITAL battery was developed in cooperation with all the major equipment manufacturers including Sony®, Ikegami®, Panasonic®, JVC®, Grass Valley®, and Hitachi®. Cameras and camcorders are now available that feature Anton/Bauer compatible InterActive® systems that connect with the DIGITAL battery "Fuel Computer" and display an accurate "Fuel Gauge" of remaining battery capacity in the viewfinder.
- 4. Battery Management Data** - The built-in two level LCD in the Logic Series® Lifesaver® PowerChargers, MP-4D or MP-2 chargers provides access to vital performance and historical data such as: present available battery capacity, calibrated battery capacity, battery serial number, date of manufacture and number of charge/discharge cycles. This data, which is vital to creating an effective battery management and maintenance program, can also be automatically accessed with a printer.
- 5. Premium Fast Charge Cells** - Unlike conventional cells that are stressed or damaged by fast charging, these cells are designed specifically for optimum life and performance.
- 6. High Voltage Design** - The 14.4 volt design of the Logic Series® DIGITAL battery complies precisely with equipment manufacturers' specifications, eliminating all the problems that cripple 12 volt batteries.
- 7. Impac® Case design** - The computer designed high impact case eliminates conventional stress points. A proprietary internal rib system cradles each individual cell. These features protect the cells from impact that would damage or destroy conventional batteries.
- 8. Gold Mount® Interface** - The solid metal mounting studs assure a smooth, precise mounting for the life of the battery. The Logic Series® connector assembly features multiple gold plated, self aligning contacts and is compatible with all existing Anton/Bauer camera mounts and accessories.
- 9. Individual Computer Testing** - Like all professional Anton/Bauer batteries, the Logic Series® DIGITAL battery has been individually computer tested. For assurance of optimum capacity, voltage and overall quality, a computer print-out is enclosed.

## HIGH VOLTAGE DESIGN

Approved Copy

Virtually all cameras/camcorders will indicate a low voltage warning or cease to operate at about 11 volts. Unfortunately, a 12 volt battery must be discharged to 10 volts for full discharge. Thus, a camera/camcorder operating on a 12 volt NiCad will always cease to operate before fully discharging the battery, leaving 50% of the total capacity unused under certain conditions. The amount of this wasted capacity can vary each day depending on temperature, etc., thus creating what appears to be totally inconsistent performance.

The Logic Series® DIGITAL battery, like all professional Anton/Bauer camera batteries, are designed in a 14.4 volt configuration with full discharge rating of 12 volts. Thus, the Logic Series® DIGITAL battery will always deliver 100% capacity before the equipment ever reaches its cutoff point. Moreover, this dependability is not effected by temperature, memory, age or any of the other factors that can cripple a 12 volt battery.

## APPLICATIONS

Virtually all cameras, camcorders, and other video field equipment specifies a maximum voltage of 18 volts. The 14.4 volt DIGITAL battery will provide superior performance and greater run time on that equipment. **CAUTION: Certain older equipment is not designed to accept 14.4 volt NiCad batteries. The 14.4 volt DIGITAL battery could damage such equipment. Check with the equipment manufacturer or the Anton/Bauer Customer Support Group prior to using a 14.4 volt battery.**

## DIGITAL PROPAC®

The Digital ProPac® battery is the ideal source for all cameras and camcorders. With an accessory Gold Mount® Bracket, it can be used to power color monitors, waveform monitors, vector scopes and virtually any other video equipment designed to be operated from 12 volt DC power. The Digital ProPac® battery is also the preferred power source when using the Anton/Bauer Ultralight® or Ultralight® 2 “on-camera” accessory light. The Gold Mount® Bracket features an integral “PowerTap®” receptacle that can power the Ultralight® directly from the DIGITAL battery powering the camera or camcorder.

## DIGITAL TRIMPAC®

The lightweight high energy Digital Trimpac® battery is the ideal match for the latest generation of smaller CCD cameras and camcorders. The Digital Trimpac® will provide excellent run times in applications previously using slide-in type batteries. Run time improvements to 100% are quite common with the Digital Trimpac®.

## HIGH RATE DISCHARGE

For a given size and battery type, higher discharge currents will reduce overall life expectancy while lower discharge currents will enhance overall battery life. The DIGITAL battery incorporates a unique feature that will flash the “LCD” display when a high rate discharge current (equipment load) is applied to the battery. The LCD indicator will resume normal operation when the high rate discharge current is either reduced below the rating or completely removed. Particular caution should be used if the battery is powering a portable light. At the very first signs of the light dimming or turning orange, the power must first be turned off and the battery replaced. Never continue to use a DIGITAL battery after the “Flashing 15 minute segment” flag has appeared.

### DIGITAL PROPAC®

All lit segments of the Digital ProPac® will flash when a discharge current (load) greater than 8 amps/115 watts is applied.

### DIGITAL TRIMPAC®

All lit segments of the Digital Trimpac® will flash when a discharge current (load) greater than 5 amps/80 watts is applied.

## CHARGING W / LOGIC CHARGERS

Charge this battery fully before using. Allow the battery to reach a steady green (Lifesaver®) mode before using. Charging is automatic on all Logic Series® chargers. The flashing red and green lights indicate the charger and battery are establishing communications. The following are the standard indications on any Logic Series® Lifesaver® Charger (Please refer to the Charger manual for complete Charger instructions):

- **Alternating red and green:** Evaluating battery and/or rejuvenating low voltage battery.
- **Steady red:** Battery waiting to charge (may either be in line to charge or holding for temperature stabilization).
- **Flashing red:** Charging.
- **Flashing green:** Balancing mode or Ready/Verifying. Battery is typically more the 80% charged.
- **Steady green:** Lifesaver® mode. Batteries will remain 100% ready for use indefinitely.

**The battery should remain on the charger until just prior to being used.** The exclusive Lifesaver maintenance routine keeps the battery 100% charged and balanced by eliminating the typical self-discharge that can cripple a battery that is stored for any length of time on the shelf. Do not remove the DIGITAL batteries from the charger more than 8 hours prior to actual use. For best results, this battery should be returned to the Logic Series charger within 48 hours of being used. Please read the individual charger Owner's Manual to become acquainted with the many unique features of the Logic Series chargers.

# OVER-DISCHARGED BATTERIES

Approved Copy

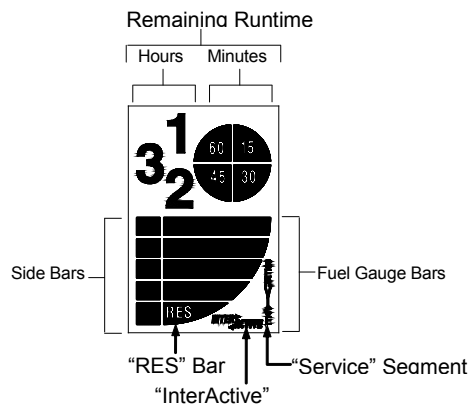
An “over-discharged” voltage state is caused by leaving a battery operated device unattended and allowing the battery to drain beyond the low voltage warning point of the equipment and/or the “Flashing 15 minute segment” indication on the LCD of the DIGITAL battery. Low voltage over-discharged batteries can also be caused by allowing batteries to remain off the charger for extended periods. Returning batteries to the Logic Series® Lifesaver® Charger as soon as possible after use, and leaving batteries in the Lifesaver® mode until just prior to using will avoid this type of over-discharge condition.

A battery that has been inadvertently allowed to become over-discharged will automatically trigger a special rejuvenation routine contained in all Anton/Bauer Logic Series® Chargers. In such cases the red/green alternating LED's, on the charger, indicate that the automatic rejuvenation cycle is bringing the battery back up to a safe charging voltage. When the Logic Series® Charger verifies there are no thermal violations, it will begin a complete charge cycle (Red flashing LED).

In the extreme case that a battery is over-discharged, the rejuvenation charge routine will not be initiated by the charger until all other batteries have completed their fast charge routines. Therefore, an extremely over-discharged battery can be installed on a Logic Series® Charger without the charger indicating recognition.

## LIQUID CRYSTAL REALTIME DISPLAY (LCD)

The DIGITAL TRIMPAC® and DIGITAL PROPAC® features an all NEW “RealTime®” LCD display providing on-the-fly remaining run time estimates in 15 minute increments as well as simultaneously providing remaining capacity information using the traditional “Fuel Gauge” approach. No special adapters or set up is required. RealTime® automatically calculates the load and displays capacity information and battery status at all times. Special electronics protect the NiCad cells in the DIGITAL TRIMPAC® and DIGITAL PROPAC® battery from damage and to ensure safe operation. These electronics work in conjunction with the Digital Battery electronics and will give the operator additional indications in the RealTime® display of the battery's status as outlined below.



The large numbers 1, 2 or 3 indicate remaining hours under current load (only one number will display at any one time) The pie chart numbers (15, 30, 45, or 60) indicate remaining minutes under current load. The InterActive® Segment indicates a FULLY CHARGED battery verified by charger communication

**TOP BAR:** Indicates 75%-96%

**2nd BAR:** Indicates 50% - 75%

**3rd BAR:** Indicates 25% - 50%

**4th BAR:** Indicates 7% - 25%

**INTERACTIVE®** 96 - 100%

**RES BAR:** Indicates 0 - 6%

1. **“INTERACTIVE®” SEGMENT:** When illuminated, it indicates the battery has completed its full charge routine.
2. **“RES” Bar:** Is the last “Fuel Gauge” Bar and will start to flash at 6% capacity and will continue to flash until EOD is reached.
3. **“SERVICE” SEGMENT:** Indicates self-diagnostic functions have detected anomalies. A battery with a “Service” flag should be returned to the Anton/Bauer Service Department.
4. **“SIDE BAR” SEGMENTS:** Will remain ON (see below).

If the SIDE BARS (only) flash, AND other icons are lit and not flashing, this indicates the battery has requested to be fully charged and discharged in order to update its “learned capacity”. This “learning” should typically occur during normal equipment operation. However, if the battery has not been fully charged and discharged for some time, this indication will appear. To remove the flashing SIDE BARS, fully charge the battery (STEADY GREEN indication) on the InterActive® 2000 charger. Then either:

- Discharge the battery on a camera in normal operation continuing to keep the camera “hot” until it shuts down. Then return the battery to the charger. When the battery is full remove it from the charger.
- This can be done automatically with an InterActive® 2000 PowerCharger® with a DDM (Diagnostic Discharge Module installed. This unique feature is called “AUTOCAL” and is included as standard on QUAD 2702 and DUAL 2722 PowerChargers®. (Please reference the appropriate PowerCharger® Owner's Manual.)

**IMPORTANT NOTE:** The flashing INTERACTIVE® segment indication is not a warning indication. The battery will operate perfectly normal while awaiting a “learning” cycle. Rather than relying on an “assumed” capacity, as with some imitation fuel gauges, the battery relies on the Digital Battery electronics to update capacity information as the battery sees different operating conditions and ages normally. The flashing INTERACTIVE® segment is merely an indication that the battery has not updated this information for some time and is requesting a confirmation of its “learned” capacity.

# PREVENTATIVE MAINTENANCE

Approved Copy

The DIGITAL battery incorporates unique battery management features. Together with Anton/Bauer diagnostic accessories, an effective preventative maintenance program can easily be created to optimize the return on battery investment and greatly simplify battery management operations.

The PowerCharger®, coupled with a DDM (Diagnostic Discharge Module), will provide a complete battery management system. The PowerCharger® will allow you to run diagnostic evaluations as well as update the battery's "learned" capacity with the "AUTOCAL" feature. The "AUTOCAL" feature is automatic and does not require any operator input. Please reference the PowerCharger® Owner's Manual for additional information.

The older style MP4-D, coupled with a DM-4, will allow you to run similar diagnostic programs as a PowerCharger®. It is strongly recommended that all users of the Logic Series® DIGITAL Battery System have at least one PowerCharger® complete with a DDM, or MP4-D/DM-4 combination. Such a combination can also interface via the RS-232 port provided to a printer producing hard copy battery reports automatically, including battery serial number, date of manufacture, number of charge/discharge cycles, calibrated capacity, and a complete voltage/time discharge graph.

Logic Series® DIGITAL batteries and Chargers together form a battery management system that will maximize battery performance, eliminate battery problems in the field and reduce costs by prolonging battery life and precluding equipment down time.

## SERVICE

In the unlikely event a DIGITAL battery fails to deliver acceptable performance, it must be returned to the Anton/Bauer Service Department, the only facility qualified and equipped to service the Logic Series DIGITAL batteries and calibrate the electronic components and sensors. Any attempt by the user or any other unauthorized persons to service this battery will surely result in improper calibration of the electronic components resulting in severe battery damage and/or safety hazards to the operator, in addition to voiding any/all remaining unconditional or pro-rated warranty conditions. Therefore:

1. **DO NOT** attempt to service this battery under any circumstances.
2. **DO NOT** send this battery for service to anyone other than the Anton/Bauer Service Department.
3. **DO NOT** rebuild this battery - At the end of its useful life contact the Anton/Bauer Service Department.
4. **DO NOT DISPOSE OF THIS BATTERY.** This battery contains sealed Nickel-Cadmium cells and must be disposed of properly.

**\*Anton/Bauer participates in a recycle program that handles Nickel-Cadmium battery products (see the back page of this manual).**

## SPECIFICATIONS

| BATTERIES                | DIGITAL PROPAC® 14                                 | DIGITAL TRIMPAC®                                   |
|--------------------------|--|--|
| OUTPUT VOLTAGE           | 14.4v Nominal<br>12 ~ 16.8v Operating              | 14.4v Nominal<br>12 ~ 16.8v Operating              |
| CAPACITY (CELL CAPACITY) | 65 WH Nominal<br>(4 AH Rated)                      | 45 WH Nominal<br>(2.5 AH Rated)                    |
| TYPICAL RUN-TIME         | @ 15w - 4 Hrs.<br>@ 20w - 3 Hrs.<br>@ 30w - 2 Hrs. | @ 10w - 4 Hrs.<br>@ 13w - 3 Hrs.<br>@ 20w - 2 Hrs. |
| WEIGHT                   | 5.25 lbs.  | 2.75 lbs.  |

Replacement fuses for the Digital ProPac® are valued at 12.5 amps/125 volts.



# GUIDELINES FOR OPTIMUM PERFORMANCE AND MAX LIFE

---

1. Keep batteries cool or at room temperatures whenever possible. Sustained elevated temperatures are the primary reason for premature failure of NiCad batteries:
  - **Charging** - Charge batteries at room temperature. In warm climates keep chargers in air conditioned rooms that are maintained between 65°F to 85°F for best performance.
  - **On assignment** - Do not leave batteries in a hot vehicle trunk or out in direct sunlight unnecessarily.
  - **Storage** - If batteries are not going to be used for several months, they should be fully discharged, sealed in a plastic bag and stored in a refrigerator or freezer.
2. Use only Anton/Bauer Logic Series® Lifesaver® Chargers and keep batteries on the charger until just prior to being used.
3. Return batteries to the Logic Series® Charger as soon as possible after use, preferably within 24 hours.
4. Do not over-discharge batteries - It is quite proper to discharge a battery until a low voltage warning in the camera or VTR is observed. However, a switch to a fresh battery should occur as soon as possible following such indication.
  - A DIGITAL battery should be changed as soon as possible after a "Flashing 15 minute segment" is indicated. Never continue to use a DIGITAL battery after the "Flashing 15 minute segment" has appeared.
  - Never leave a battery operated device unattended while it is running.
5. Discharging the battery for diagnostic purposes should only be performed on an occasional basis (once every 6-8 weeks at most). Unnecessary discharging only detracts from overall life.
6. Periodic cleaning of both the charger terminals and battery terminals will ensure continued reliable operation. Dirty terminals may cause the battery to indicate a steady red ("Hold") mode on the charger. Cleaning the terminals with a pencil eraser or lightly scraping the surface with a blunt instrument will help reduce this situation. Anton/Bauer publishes a comprehensive "Video Battery Handbook" to help you further maximize the life and performance of your new DIGITAL battery. This guide is available at no charge by contacting Anton/Bauer at 1-800-422-3473 or 203-929-1100 or fax 203-929-9935.

# LIMITED WARRANTY LOGIC SERIES® DIGITAL BATTERY

Approved Copy

This warranty for the battery product specified in this document ("Product") is given by Anton/Bauer, Inc. ("Anton/Bauer"), 14 Progress Drive, Shelton, Connecticut 06484. If you (the purchaser of the Product from Anton/Bauer, or the person for whom the Product was purchased, if it was a gift) have any questions regarding Product applications, Product specification, or to obtain warranty service on this or any Anton/Bauer product, contact the company at the address above.

**THIS PRODUCT MUST BE REGISTERED WITH ANTON/BAUER WITHIN 30 DAYS OF PURCHASE TO ASSURE WARRANTY COVERAGE. TO REGISTER YOU MAY EITHER:**

**MAIL WARRANTY REGISTRATION CARD or (2) REGISTER ON LINE AT [www.antonbauer.com](http://www.antonbauer.com)**

Warranty registration, including the serial numbers of Anton/Bauer chargers used with this battery, must be supplied to Anton/Bauer. Anton/Bauer will warranty the Product only against defects in material and workmanship for the period as follows from the date of purchase, in accordance with the terms set forth below, and then, only if the Product is used exclusively in conjunction with compatible Anton/Bauer chargers. If this battery is returned to Anton/Bauer for warranty service it will be required that you provide model names and serial numbers of compatible Anton/Bauer chargers with which this product was used.

**DPP14 and DTP14:0-24 MONTHS:** Anton/Bauer will repair or replace the Product at Anton/Bauer's option and cost.

**25-48 MONTHS:** Anton/Bauer will repair the Product without charge or replace the Product at a cost equaling 1/24 of the list price or purchase price times the number of months from the purchase date or date of manufacture.

"Purchase price" and "purchase date" as referenced is the unit price paid by and the date of such sale by the original customer from any authorized Anton/Bauer dealer or distributor and does not include any tax, shipping, VAT, duty, fees or handling charges. Customer must provide proof of purchase or manufacturer's list price will be used.

This warranty shall be effective only if Anton/Bauer receives notice of such defects in materials or workmanship during the period of the warranty. Minimum battery capacity is defined under this warranty as 60% of nominal specified capacity for this Product at time of purchase. The liability of Anton/Bauer hereunder is expressly limited to a claim for repair or replacement of the Product or as otherwise stated herein at Anton/Bauer's sole discretion. Notice of any claim under this warranty shall be delivered to Anton/Bauer during the period of the warranty and the Product shall be returned with its packaging promptly, at your expense, to an Anton/Bauer Customer Support Center or to the address above. Upon receipt of the Product and a record of your compliance with the conditions of this warranty, Anton/Bauer will repair or replace the Product and return it to you, or issue a credit, as applicable. You are responsible for all shipping and handling charges to and from authorized facility.

**THIS WARRANTY DOES NOT APPLY TO AND IS VOID IN THE CASE OF DEFECTS OR DAMAGE RESULTING FROM ACCIDENTS, DISASTER, NEGLIGENCE, MISUSE, IMPROPER INSTALLATION, IMPROPER OR UNAUTHORIZED SERVICE OR MAINTENANCE, UNAUTHORIZED REPLACEMENT PARTS OR ATTACHMENTS; OR DYSFUNCTION OR MALFUNCTION OF, OR CAUSED BY, ANY OTHER PRODUCT OR DEVICE.**

Misuse includes any use of the Product in other than its intended application, including the use of this Product with any charging device or accessory not manufactured by and/or specified by Anton/Bauer. This warranty does not cover, and Anton/Bauer assumes no responsibility for, any equipment or devices used in conjunction with the Product.

**ANTON/BAUER DISCLAIMS ANY LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY WRITTEN OR IMPLIED WARRANTY OF THE PRODUCT. UNDER NO CIRCUMSTANCES WILL ANTON/BAUER BE RESPONSIBLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

This Warranty is to be construed and enforced in accordance with the law of the State of Connecticut, including the provisions of the Uniform Commercial Code as adopted and from time to time amended in the State of Connecticut, and not the Convention for the International Sale of Goods. This choice of Connecticut law is exclusive of any Connecticut law that would require reliance on any law foreign to Connecticut. Should any action of law or in equity be brought by any person under this Warranty, such action shall be brought only in the United States District Court for the District of Connecticut, or in any Superior Court in Fairfield County, Connecticut, USA. Some states do not allow limitations on how long a warranty lasts, so the time period limitation herein may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may have other legal rights which may vary from state to state.

Use of unauthorized equipment in conjunction with Anton/Bauer products constitutes misuse under our warranties and may limit or void those warranties. Anton/Bauer does not authorize, condone, recommend, or otherwise assume any liability or responsibility resulting from the use of any battery, charger, or accessory made by Anton/Bauer with any battery, charger or accessory not manufactured, produced or sold by Anton/Bauer. Anton/Bauer only authorizes the use of original Anton/Bauer products with this Product. Use only original Anton/Bauer equipment with this Product.







Ni-Cd



The EPA certified RBRC® Battery Recycling Seal on the Nickel Metal Hydride (Ni-MH) battery indicates Anton/Bauer is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful life, when taken out of service in the United States or Canada. The RBRC® program provides a convenient alternative to placing used Ni-MH batteries into the trash or the municipal waste stream, which may be illegal in your area. Please call 1-800-8-BATTERY™ for information on Ni-MH battery recycling and disposal bans/restrictions in your area. Anton/Bauer's involvement in this program is part of our commitment to preserving our environment and conserving our natural resources.

The following are trademarks of Anton/Bauer, Inc.:

ACS, ADM, All Chem, Anton/Bauer, Anton/Bauer logo and parallelogram design, Automatique, DataTap, DIONIC, Gold Mount, HyTRON, Impac, Interactive and design, LifeSaver, Logic Series, Logic Series Logo, Maxx man logo design, MicrCode, Nexus, "One World. One Smart Choice", PowerStrap, Probe, Proformer, ProPac, RealTime, SSP, Satellight, Snap-On, Stasis, Tandem, TrimPac, Ultrakit, Ultralight, Elipz, Egripz, Elightz, Essentialz, "The power behind the best cameras capturing the best images in the world.", "The quality standard of the video industry", "The worldwide standard", and "There should always be choices. It makes it easier to recognize the best."

Anton/Bauer, Inc.  
World Headquarter  
14 Progress Drive, Shelton, CT U.S.A.  
Tel (203) 929-1100 or (800) 541-1667  
Fax (203) 929-9935  
support@antonbauer.com

Anton/Bauer Europe, B.V.  
Eurode Business Center, Eurode - Park 1-2  
6461KB Kerkrade, The Netherlands  
Tel (+31) 45 5639220  
Fax (+31) 455639222  
eurosupport@antonbauer.com

Anton/Bauer, Inc. - Signapore Office  
6 New Industrial Road, # 02-02 Hoe  
Huat Ind. Bld., Singapore 536199  
Tel (+65) 62975784  
Fax (+65) 62825235  
asia@antonbauer.com

[www.antonbauer.com](http://www.antonbauer.com)

